

# SOE 2608W A

EXCITER

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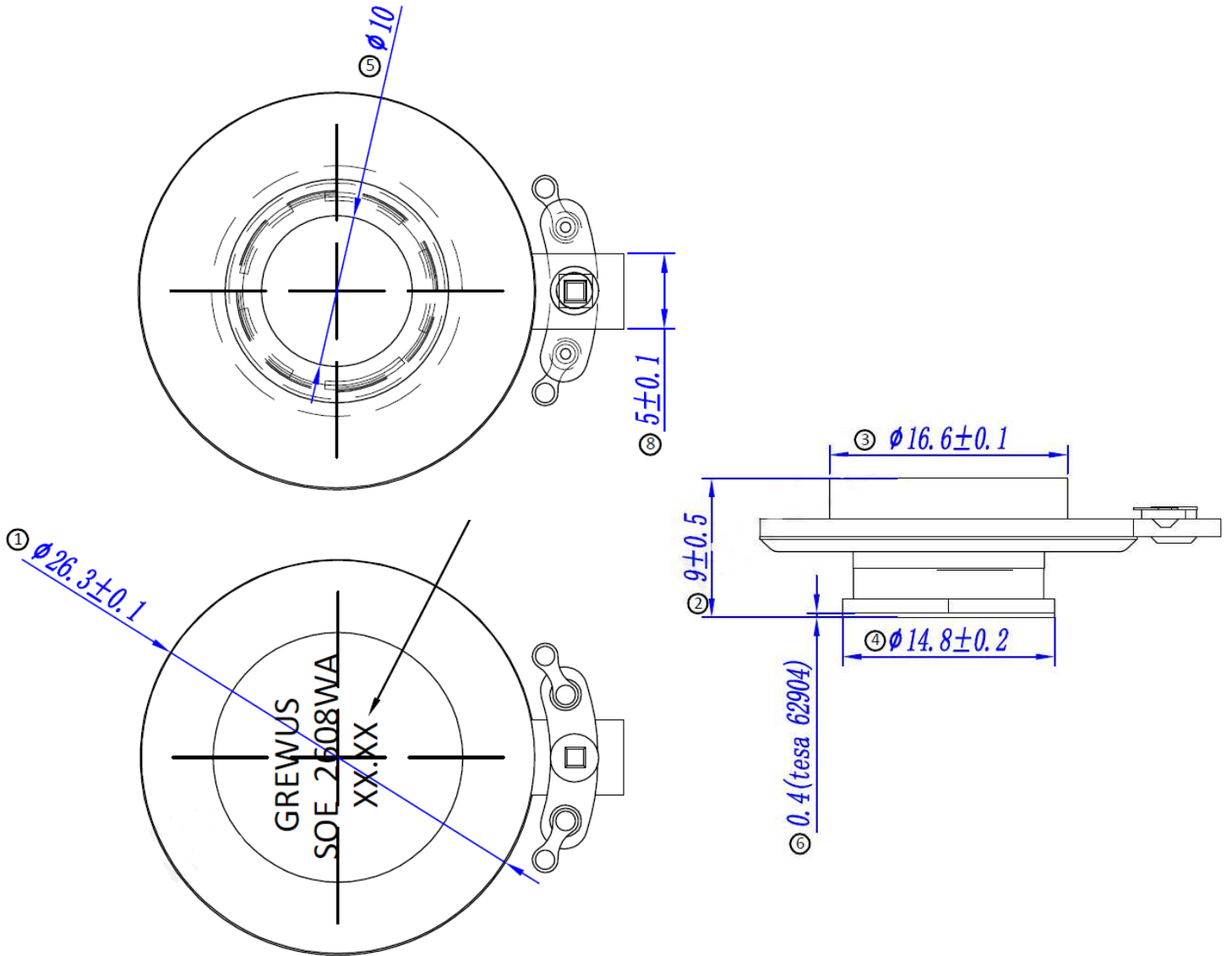


## 1. SPECIFICATIONS

Parameter	Unit	Conditions / Description	MIN	TYP	MAX
Input Power	W			2 (4Vrms)	3 (4.9Vrms)
Impedance	$\Omega$	At 1.000Hz	6,8	8	9,2
Resonance Frequency	Hz	Self-resonant value	390	550	610
Frequency Range	Hz		F0		20.000
Rub & Buzz		Must be normal at sine wave 2.83Vrms Self-resonant value			
Polarity		Positive voltage to (+), Diaphragm moves forward			
Contact				TAB	
Packaging				TRAY	
Operating Temperature	$^{\circ}\text{C}$		-40		+85
Storage Temperature	$^{\circ}\text{C}$		-40		+85
Weight	g			10	

DESIGNED BY	Michel Schmitz	DATE	2015.07.23	PART NO.	SOE 2608W A	INDEX	A
RELEASED BY	Rabea Richter	DATE	2019.02.18				
CHANGED BY	Rabea Richter	DATE	2020.08.19				
DRAWING NO.	424803243						

## 2. DRAWING



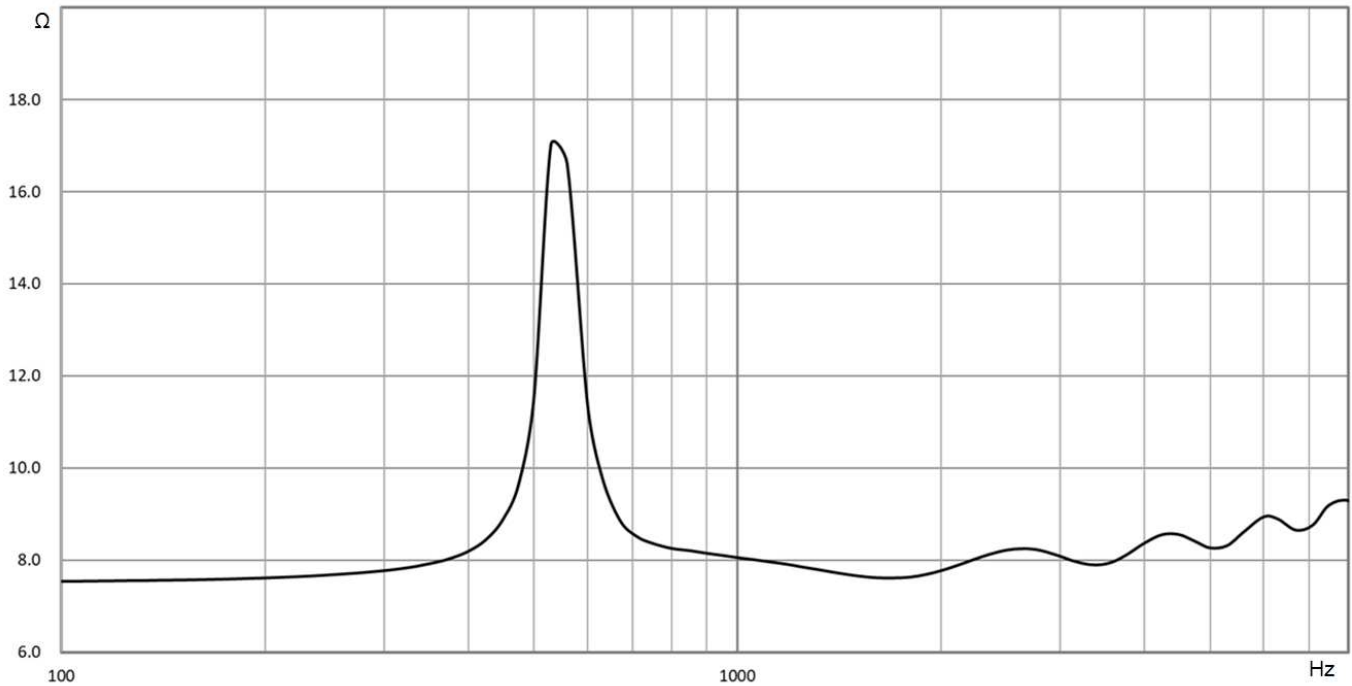
Unit: mm

Tolerance:  $\pm 0.3$

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### 3. IMDEDANCE RESPONSE CURVE (only for reference)

Measured at rated input power 2W



### 4. RELIABILITY TEST

#### 4.1 Load Test

Power (Nom) 2W (white noise)  
Duration 96 hours

#### 4.2 High Temperature Test

Temperature +85 ±2°C  
Duration 96 hours

#### 4.3 Low Temperature Test

Temperature -40 ±2°C  
Duration 96 hours

#### 4.4 Damp Heat

Temperature +40 ±2°C  
Relative Humidity 90~95% RH  
Duration 96 hours

#### 4.5 Drop Test

Height 75cm (to concrete floor)  
Times 10

#### 4.6 Vibration Test

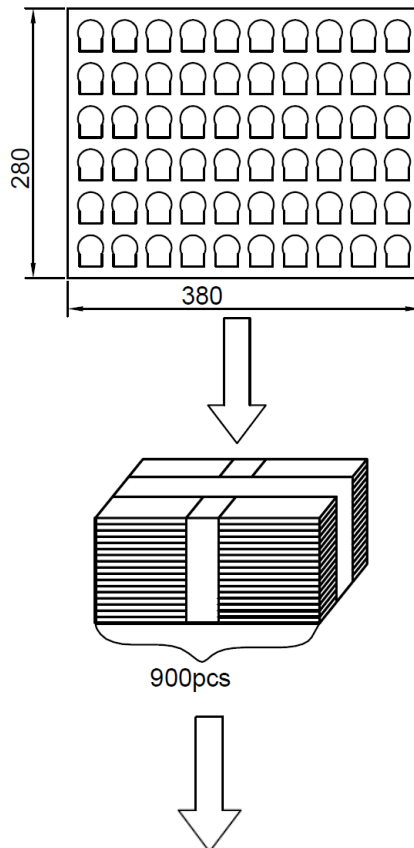
Frequency 30 ±15Hz  
Amplitude 1.5mm for 3 hours

**Notice:** After the test, leave at room temperature for 1 hour. SPL shall not deviate by ±3dB from pre-test measurement and meet above spec. item 5,6,7,8,9

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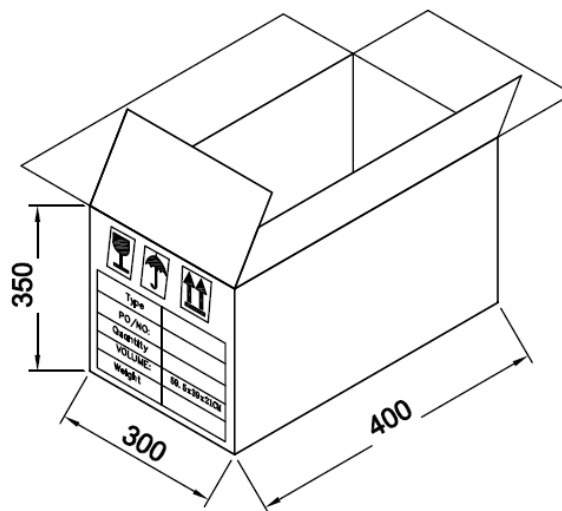
5. PACKING

5.1 PACKING DRAWING



5.2 PACKING QUANTITY

60pcs per tray  
15 trays per unit  
900pcs per carton in total  
Carton size 40x30x24cm



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6. HISTORY CHANGE RECORD

REV	CHANGE ITEMS		DATE
	BEFORE CHANGE	AFTER CHANGE	
1	0.3 (3M 9448)	0.4 (tesa 62904)	2015.10.08
2		Add Test Method and product weight	2019.02.19
3	Component name also EXR2608LA	Component name only SOE2608WA	2019.02.19
4	Old layout	New layout	2019.08.21
5		Remove Test Method, change Impedance Response Curve to newer version	2019.09.30
6	carton size: 400X300X240mm EPE Tray size: 300x380x10mm	carton size: 400X300X350mm EPE tray size: 300X380X13mm	2020.04.30
7		Add Frequency Range	2020.08.19
8	Adhesive tape colour: transparent	Adhesive tape colour: white	2020.08.19

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